CLAIMS

What is claimed is:

1.   A method for peer-to-peer image streaming comprising:

designating at least one digital image for inclusion within an album on a first computer;

designating at least one user with whom the album is to be shared on the first computer;

receiving at the first computer peer to peer requests issued by a designated user from a second computer, for viewing specified portions of a digital image within the album at a specified pixel width and height; and

streaming by the first computer to the second computer, appropriate pixel data to the user within peer to peer responses, in response to the requests.

2.   A method for peer-to-peer application development comprising:

receiving a list of user actions and corresponding responses, for a software application; and

generating a peer-to-peer software application for which the corresponding responses listed are performed by a first peer computer, in response to the user actions listed being performed by a second peer computer.

3.   A method for peer-to-peer private e-mail comprising:

receiving an e-mail message, sent from a first peer computer to itself, intended for delivery to a second peer computer;

determining if the second peer computer is on-line; and

sending the e-mail message to a second peer computer only when the second peer computer is on-line.

4.   A computer-readable storage medium storing program code for causing a computer to perform the steps of:

designating at least one digital image for inclusion within an album on a first computer;

designating at least one user with whom the album is to be shared on the first computer;

receiving at the first computer peer to peer requests issued by a designated user from a second computer, for viewing specified portions of a digital image within the album at a specified pixel width and height; and

streaming by the first computer to the second computer,

11   appropriate pixel data to the user within peer to peer responses, in response to the

12   requests.

1   5.   A computer-readable storage medium storing program code for

2   causing a computer to perform the steps of:

3   receiving a list of user actions and corresponding responses, for a

4   software application; and

5   generating a peer-to-peer software application for which the

6   corresponding responses listed are performed by a first peer computer, in response

7   to the user actions listed being performed by a second peer computer.

1   6.   A computer-readable storage medium storing program code for

2   causing a computer to perform the steps of:

3   receiving an e-mail message, sent from a first peer computer to

4   itself, intended for delivery to a second peer computer;

5   determining if the second peer computer is on-line; and

6   sending the e-mail message to a second peer computer only when

7   the second peer computer is on-line.

1   7.   A system for peer-to-peer image streaming comprising:

2   a user interface for designating at least one digital image for

3   inclusion within an album on a first computer, and for designating at least one

4   user with whom the album is to be shared on the first computer;

5   a receiver for receiving at the first computer peer to peer requests

6   issued by a designated user from a second computer, for viewing specified

7   portions of a digital image within the album at a specified pixel width and height;

8   and

9   a transmitter for streaming by the first computer to the second

10   computer, appropriate pixel data to the user within peer to peer responses, in

11   response to the requests.

1   8.   A system for peer-to-peer application development comprising:

2   an application programming interface for receiving a list of user

3   actions and corresponding responses, for a software application; and

4   an application builder for generating a peer-to-peer software

5   application for which the corresponding responses listed are performed by a first

6   peer computer, in response to the user actions listed being performed by a second

7   peer computer.

1   9.   A system for peer-to-peer private e-mail comprising:

2   a receiver for receiving an e-mail message, sent from a first peer

3   computer to itself, intended for delivery to a second peer computer;

4   a peer-to-peer user identifier for determining if the second peer

5   computer is on-line; and

6   a transmitter for sending the e-mail message to a second peer

7   computer only when the second peer computer is on-line.